

Site: West Lake A12
ID # MBD079900932
Block: 17.8
Other: 8-22-80
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REPORT OF APPROVAL OF PLANS AND SPECIFICATIONS
FOR SOLID WASTE DISPOSAL AREA
ST. LOUIS COUNTY, MISSOURI

August 22, 1980

INTRODUCTION

An Application for Operating Permit has been filed with the Missouri Department of Natural Resources requesting a permit to operate a sanitary landfill designated in the application as the West Lake Landfill. The application was filed by William J. McCullough. Plans, specifications, and operating procedures for the West Lake Landfill, St. Louis County, Missouri, have been submitted to the Department of Natural Resources, Solid Waste Management Program, for review and approval by Reitz & Jens, Inc. These plans, specifications, and operating procedures have been reviewed for compliance with the Missouri Solid Waste Management Law (Sections 260.200 to 260.245, RSMo., Cum. Supp. 1975) and the Missouri Solid Waste Rules and Regulations.

BRIEF DESCRIPTION

The proposed sanitary landfill is located in U.S. Survey 131, Township 47 N., Range 5 E., St. Louis County, Missouri. The proposed site consists of a total of approximately six acres, which will be utilized for the sanitary landfill. The types of waste to be accepted will consist of municipal solid waste and demolition and construction wastes. No hazardous wastes, bulk liquids, semi-solids, sludges containing free moisture, highly flammable or volatile substances, unexpended pesticide containers, pesticides, raw animal manure, septic tank pumpings, raw sewage and industrial process sludges, radioactive materials, and explosives shall be accepted. The area method of sanitary landfill operation will be utilized.

All fencing, gates, equipment maintenance buildings, all-weather access roads, signs, surface-water control devices, operating equipment, standby equipment, and other necessary appurtenances shall be provided, as per the approved plans, specifications, and operating procedures.

CONDITIONS

The following conditions are an integral part of the permit and shall, in part, determine compliance with the Missouri Solid Waste Management Law, Rules, and Regulations.

1. Monitoring wells 35, 36, 37, 37A, 38, 39, 40, and 41 shall be monitored annually for the following:

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SUPERFUND RECORDS

DNR 0205

pH	COD
Conductivity	Ammonia
BOD ₅	Nitrate
Total Dissolved Solids	Phosphate
Chloride	TOC
Sulfate	Mercury
Fluoride	Iron
Hardness	Arsenic
Barium	Lead
Cadmium	Selenium
Chromium	Silver
Copper	Manganese
Color	Zinc
Odor	Foaming Agents

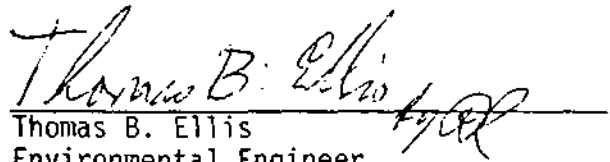
The following parameters shall be analyzed for on a quarterly basis:

pH	Chloride
Conductivity	COD
Total Dissolved Solids	Iron
Water level in the well	

Results of all sampling should be submitted to the Solid Waste Management Program in a timely manner.

APPROVAL

The plans, specifications, and operating procedures described above have been examined as to sanitary features of design which might affect the operation of the solid waste disposal area as a sanitary landfill. Approval of the plans, specifications, and operating procedures is hereby given. This approval is given with the explicit understanding that the sanitary landfill will be developed and operated in compliance with the plans, specifications, operating procedures, and conditions of the permit, with the Missouri Solid Waste Rules and Regulations, and in accordance with the Missouri Solid Waste Management Law. This approval is not to be construed as compliance with any existing local ordinances or zoning requirements. The Department of Natural Resources reserves the right to withdraw the approval of these plans, specifications, and operating procedures at any time that it is found that additional construction or alteration of the sanitary landfill is necessary to assure compliance with the rules and regulations and to afford adequate protection of the public health.


Thomas B. Ellis
Environmental Engineer
Solid Waste Management Program

TBE:pdi

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Solid Waste Management Program

SOLID WASTE DISPOSAL AREA OPERATING PERMIT

In accordance with Section 260.205, Paragraph 2, RSMo, Supplement 1973, the Missouri Department of Natural Resources hereby approves the application and issues Permit Number 118908 to Mr. William J. McCullough for the operation of a solid waste disposal area set forth in

the application as the West Lake Landfill
located in ~~the~~ U.S. Survey 131,

Township 47 N., Range 5 E.,

St. Louis County, Missouri. This permit applies only to that tract of land of approximately 6 acres covered by the engineering plans, specifications and operating procedures submitted to the Department.

Operation of this solid waste disposal area shall be in accordance with the provisions of the Missouri Solid Waste Management Law (Sections 260.200 to 260.245, RSMo, Supplement 1973), the rules and regulations promulgated thereunder, and the engineering plans, specifications and operating procedures approved by the Department. The Department does not examine structural features of design or efficiency of mechanical equipment and the issuance of this permit does not imply approval of those features.

The Department reserves the right to revoke or modify this permit after due notice if it is found that the holder of the permit is in violation of the Missouri Solid Waste Management Law, the Missouri Solid Waste Rules and Regulations, or failure to operate in accordance with the approved plans, specifications and operating procedures or is creating a public nuisance, health hazard or environmental pollution. Furthermore, if it is found that additional construction or alteration of the solid waste disposal area is necessary to comply with any and all rules and regulations promulgated in accordance with the Missouri Solid Waste Management Law, then, and in that event, the Department has and does hereby reserve the right to revoke or modify this permit.

This permit for operation of a solid waste disposal area is issued only to the person named in the application and shall not be transferable. This permit shall become void after notice to the Department by the person named in the permit that said person has discontinued operation of the disposal area. The Department may revoke this permit after determining an area has not operated for a period of one year. This permit is issued contingent upon and may be revoked for failure to comply with any and all conditions described on the attached "Report of Approval of Plans and Specifications for Solid Waste Disposal Area".

By


DIRECTOR, DEPARTMENT OF NATURAL RESOURCES

Date August 27, 1980